

What is claimed is:

1 1. An LED backlight module, comprising:
2 a printed circuit board;
3 a plurality of LEDs disposed on the printed circuit
4 board;
5 a light transmissive material coating on the printed
6 circuit board, wherein the LEDs are embedded in
7 the light transmissive material.

1 2. The LED backlight module as claimed in claim 1,
2 wherein the LEDs are arranged on the printed circuit
3 board in a matrix.

1 3. The LED backlight module as claimed in claim 1,
2 wherein the LEDs are disposed on the printed circuit
3 board by means of Surface Mount Technology (SMT).

1 4. The LED backlight module as claimed in claim 1,
2 wherein the printed circuit board has a reflective
3 material disposed thereon to reflect light.

1 5. The LED backlight module as claimed in claim 1
2 further comprising a plurality of spacers implanted in
3 the light transmissive material.

1 6. The LED backlight module as claimed in claim 1
2 further comprising a plurality of spacers implanted on
3 the surface of the light transmissive material.